



SEQUENCE LISTING

<110> Carol
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Ehrlich, Lorna
Cohen, Stanley N.

<120> TSG101 AS INHIBITOR OF HIV PRODUCTION

<130> 70017.17USC1

<140> US 10/666,997

<141> 2003-09-18

<150> PCT/US02/15965

<151> 2002-05-21

<150> US 60/292,761

<151> 2001-05-21

<160> 38

<170> PatentIn version 3.3

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Tyr Arg Asp Leu Thr Val Arg Gln Thr Val Asn Val Ile Ala Met Tyr
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Lys Asp Leu Lys Pro Val Leu Asp Ser Tyr Val Phe Asn Asp Gly Ser
35 40 45

Ser Arg Glu Leu Val Asn Leu Thr Gly Thr Ile Pro Val Arg Tyr Arg
50 55 60

Gly Asn Ile Tyr Asn Ile Pro Ile Cys Leu Trp Leu Leu Asp Thr Tyr
65 70 75 80

Pro Tyr Asn Pro Pro Ile Cys Phe Val Lys Pro Thr Ser Ser Met Thr
85 90 95

Ile Lys Thr Gly Lys His Val Asp Ala Asn Gly Lys Ile Tyr Leu Pro
100 105 110

Tyr Leu His Asp Trp Lys His Pro Arg Ser Glu Leu Leu Glu Leu Ile

115							120							125	
Gln	Ile	Met	Ile	Val	Ile	Phe	Gly	Glu	Glu	Pro	Pro	Val	Phe	Ser	Arg
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Pro	Thr	Val	Ser	Ala	Ser	Tyr	Pro	Pro	Tyr	Thr	Ala	Thr	Gly	Pro	Pro
145					150					155				160	
Asn	Thr	Ser	Tyr	Met	Pro	Gly	Met	Pro	Ser	Gly	Ile	Ser	Ala	Tyr	Pro
				165					170					175	
Ser	Gly	Tyr	Pro	Pro	Asn	Pro	Ser	Gly	Tyr	Pro	Gly	Cys	Pro	Tyr	Pro
			180					185					190		
Pro	Ala	Gly	Pro	Tyr	Pro	Ala	Thr	Thr	Ser	Ser	Gln	Tyr	Pro	Ser	Gln
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Pro	Pro	Val	Thr	Thr	Val	Gly	Pro	Ser	Arg	Asp	Gly	Thr	Ile	Ser	Glu
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Asp	Thr	Ile	Arg	Ala	Ser	Leu	Ile	Ser	Ala	Val	Ser	Asp	Lys	Leu	Arg
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Trp	Arg	Met	Lys	Glu	Glu	Met	Asp	Gly	Ala	Gln	Ala	Glu	Leu	Asn	Ala
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Leu	Lys	Arg	Thr	Glu	Glu	Asp	Leu	Lys	Lys	Gly	His	Gln	Lys	Leu	Glu
			260					265					270		
Glu	Met	Val	Thr	Arg	Leu	Asp	Gln	Glu	Val	Ala	Glu	Val	Asp	Lys	Asn
		275					280					285			
Ile	Glu	Leu	Leu	Lys	Lys	Lys	Asp	Glu	Glu	Leu	Ser	Ser	Ala	Leu	Glu
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Lys	Met	Glu	Asn	Gln	Ser	Glu	Asn	Asn	Asp	Ile	Asp	Glu	Val	Ile	Ile
305					310					315				320	
Pro	Thr	Ala	Pro	Leu	Tyr	Lys	Gln	Ile	Leu	Asn	Leu	Tyr	Ala	Glu	Glu
				325					330					335	
Asn	Ala	Ile	Glu	Asp	Thr	Ile	Phe	Tyr	Leu	Gly	Glu	Ala	Leu	Arg	Arg
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Gly	Val	Ile	Asp	Leu	Asp	Val	Phe	Leu	Lys	His	Val	Arg	Leu	Leu	Ser

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 Arg Lys Gln Phe Gln Leu Arg Ala Leu Met Gln Lys Ala Arg Lys Thr
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 Ala Gly Leu Ser Asp Leu Tyr
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 Tyr Arg Asp Leu Thr Val Arg Glu Thr Val Asn Val Ile Thr Leu Tyr
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 Lys Asp Leu Lys Pro Val Leu Asp Ser Tyr Val Phe Asn Asp Gly Ser
 35 40 45

 Ser Arg Glu Leu Met Asn Leu Thr Gly Thr Ile Pro Val Pro Tyr Arg
 50 55 60

 Gly Asn Thr Tyr Asn Ile Pro Ile Cys Leu Trp Leu Leu Asp Thr Tyr
 65 70 75 80

 Pro Tyr Asn Pro Pro Ile Cys Phe Val Lys Pro Thr Ser Ser Met Thr
 85 90 95

 Ile Lys Thr Gly Lys His Val Asp Ala Asn Gly Lys Ile Tyr Leu Pro
 100 105 110

 Tyr Leu His Glu Trp Lys His Pro Gln Ser Asp Leu Leu Gly Leu Ile
 115 120 125

 Gln Val Met Ile Val Val Phe Gly Asp Glu Pro Pro Val Phe Ser Arg
 130 135 140

 Pro Ile Ser Ala Ser Tyr Pro Pro Tyr Gln Ala Thr Gly Pro Pro Asn
 145 150 155 160

 Thr Ser Tyr Met Pro Gly Met Pro Gly Gly Ile Ser Pro Tyr Pro Ser
 165 170 175

Gly Tyr Pro Pro Asn Pro Ser Gly Tyr Pro Gly Cys Pro Tyr Pro Pro
180 185 190

Gly Gly Pro Tyr Pro Ala Thr Thr Ser Ser Gln Tyr Pro Ser Gln Pro
195 200 205

Pro Val Thr Thr Val Gly Pro Ser Arg Asp Gly Thr Ile Ser Glu Asp
210 215 220

Thr Ile Arg Ala Ser Leu Ile Ser Ala Val Ser Asp Lys Leu Arg Trp
225 230 235 240

Arg Met Lys Glu Glu Met Asp Arg Ala Gln Ala Glu Leu Asn Ala Leu
245 250 255

Lys Arg Thr Glu Glu Asp Leu Lys Lys Gly His Gln Lys Leu Glu Glu
260 265 270

Met Val Thr Arg Leu Asp Gln Glu Val Ala Glu Val Asp Lys Asn Ile
275 280 285

Glu Leu Leu Lys Lys Lys Asp Glu Glu Leu Ser Ser Ala Leu Glu Lys
290 295 300

Met Glu Asn Gln Ser Glu Asn Asn Asp Ile Asp Glu Val Ile Ile Pro
305 310 315 320

Thr Ala Pro Leu Tyr Lys Gln Ile Leu Asn Leu Tyr Ala Glu Glu Asn
325 330 335

Ala Ile Glu Asp Thr Ile Phe Tyr Leu Gly Glu Ala Leu Arg Arg Gly
340 345 350

Val Ile Asp Leu Asp Val Phe Leu Lys His Val Arg Leu Leu Ser Arg
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Gly Leu Ser Asp Leu Tyr
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